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1 [Digital rights management in a 3G mobile phone and beyond](#)

Thomas S. Messerges, Ezzat A. Dabbish

October 2003 DRM '03: Proceedings of the 3rd ACM workshop on Digital rights management

Publisher: ACM

Full text available: pdf(306.59 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 335, Citation Count: 2

In this paper we examine how copyright protection of digital items can be securely managed in a 3G mobile phone and other devices. First, the basic concepts, strategies, and requirements for digital rights management are reviewed. Next, a framework for ...

Keyw ords: MPEG-21, copyright protection, cryptography, digital content, digital rights management, embedded system, key management, mobile phone, open mobile alliance, security

2 [Network layer access control for context-aware IPv6 applications](#)

Adrian Friday, Maomao Wu, Joe Finney, Stefan Schmid, Keith Cheverst, Nigel Davies

July 2003 Wireless Networks, Volume 9 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: pdf(3.57 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 141, Citation Count: 1

As part of the Lancaster GUIDE II project, we have developed a novel wireless access point protocol designed to support the development of next generation mobile context-aware applications in our local environs. Once deployed, this architecture will ...

Keyw ords: authentication, mobile IPv6, public access point, security, wireless Internet


3 [A composable framework for secure multi-modal access to internet services from Post-PC devices](#)

Steven J. Ross, Jason L. Hill, Michael Y. Chen, Anthony D. Joseph, David E. Culler, Eric A.

Brewer

October 2002 Mobile Networks and Applications, Volume 7 Issue 5

Publisher: Kluwer Academic Publishers

Full text available:  pdf(340.33 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 68, Citation Count: 1

The Post-PC revolution is bringing information access to a wide range of devices beyond the desktop, such as public kiosks, and mobile devices like cellular telephones, PDAs, and voice based vehicle telematics. However, existing deployed Internet services ...

Keyw ords: internet, middleware, post-PC, security, transcoding

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#### 4 [Secure authentication system for public WLAN roaming](#)



Yasuhiko Matsunaga, Ana Sanz Merino, Takashi Suzuki, Randy H. Katz

September 2003 WMASH '03: Proceedings of the 1st ACM international workshop on Wireless mobile applications and services on WLAN hotspots

Publisher: ACM

Full text available:  pdf(248.60 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 196, Citation Count: 4

A serious impediment for seamless roaming between independent wireless LANs (WLANs) is how best to confederate the various WLAN service providers, each having different trust relationships with individuals and each supporting their own authentication ...

Keyw ords: authentication, hotspot, link layer security, policy control, roaming, single sign-on, wireless LAN


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#### 5 [An architecture for secure wide-area service discovery](#)

Todd D. Hodes, Steven E. Czerwinski, Ben Y. Zhao, Anthony D. Joseph, Randy H. Katz

March 2002 Wireless Networks, Volume 8 Issue 2/3

Publisher: Kluwer Academic Publishers

Full text available:  pdf(365.68 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 103, Citation Count: 5

The widespread deployment of inexpensive communications technology, computational resources in the networking infrastructure, and network-enabled end devices poses an interesting problem for end users: how to locate a particular network service or device ...

Keyw ords: location services, name lookup, network protocols, service discovery


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#### 6 [Digital rights management for content distribution](#)

Qiong Liu, Reihaneh Safavi-Naini, Nicholas Paul Sheppard

January 2003 ACSW Frontiers '03: Proceedings of the Australasian information security workshop conference on ACSW frontiers 2003 - Volume 21, Volume 21

Publisher: Australian Computer Society, Inc.

Full text available:  pdf(224.63 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 60, Downloads (12 Months): 623, Citation Count: 4

Transferring the traditional business model for selling digital goods linked to physical

media to the online world leads to the need for a system to protect digital intellectual property. Digital Rights Management(DRM) is a system to protect high-value ...


Keyw ords: DRM, digital content

7 [PicoDBMS: Scaling down database techniques for the smartcard](#)

Philippe Pucheral, Luc Bouganim, Patrick Valduriez, Christophe Bobineau

September 2001 The VLDB Journal — The International Journal on Very Large Data Bases, Volume 10 Issue 2-3

Publisher: Springer-Verlag New York, Inc.


Full text available:  [pdf\(259.03 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 57, Citation Count: 7

Smartcards are the most secure portable computing device today. They have been used successfully in applications involving money, and proprietary and personal data (such as banking, healthcare, insurance, etc.). As smartcards get more powerful (with ...


Keyw ords: Atomicity, Durability, Execution model, PicoDBMS, Query optimization, Smartcard applications, Storage model

8 [A peer-to-peer approach to wireless LAN roaming](#)

 Elias C. Efstathiou, George C. Polyzos

September 2003 WMASH '03: Proceedings of the 1st ACM international workshop on Wireless mobile applications and services on WLAN hotspots

Publisher: ACM

Full text available:  [pdf\(279.70 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 114, Citation Count: 3

We make the case for a Global Confederation of Peer-to-Peer (P2P) Wireless Local Area Networks. A P2P Wireless Network Confederation (P2PWNC) is a community of administrative domains that offer wireless Internet access to each other's registered users. ...

Keyw ords: P2P, WISP, WLAN, Wi-Fi, incentives, mixes, privacy, roaming

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